Form PTO-948 (Rev. 06/03) 99 5385

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

e drawing(s) filed (insert date) 19103	are:
A. approved by the Draftsperson under 37 CFR 1.84 o	or 1.152.
	or 1.152 for the reasons indicated below. Corrected
drawings are required.	
1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i) Words do not appear on a horizontal, left-to-right
Color (3 sets required). Color drawings are not acceptable until petition is	fashion when page is either upright or turned so that the top becomes the right side, except for
granted. Fig(s)	graphs. Fig(s)
Pencil and non black ink not permitted. Fig(s) 2. PHOTOGRAPHS. 37 CFR 1.84(b)	Scale not large enough to show mechanism
One (1) full-tone set is required. Fig(s)	without crowding when drawing is reduced in
Photographs may not be mounted. 37 CFR 1.84(e)	size to two-thirds in reproduction.
Photographs must meet paper size requirements of	Fig(s)
37 CFR 1.84(f). Fig(s)	10. CHARACTER OF LINES, NUMBERS, &
Poor quality (half-tone). Fig(s)	LETTERS. 37 CFR 1.84(1)
3. TYPE OF PAPER. 37 CFR 1.84(e)	Lines, numbers & letters not uniformly thick and
Paper not flexible, strong, white, and durable.	well defined, clean, durable, and black (poor line
Fig(s) Erasures, alterations, overwritings. interlineations,	quality). Fig(s)
folds, copy machine marks not accepted.	Solid black areas pale. Fig(s)
Fig(s)	Solid black shading not permitted. Fig(s)
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable	12. NUMBERS, LETTERS, & REFERENCE
sizes:	CHARACTERS. 37 CFR 1.84(p)
21.0 cm by 29.7 cm (DIN size A4) or	Numbers and reference characters not plain and
21.6 cm by 27.9 cm (8 1/2x 11 inches)	legible. Fig(s)
All drawing sheets not the same size.	Figure legends are poor. Fig(s) Numbers and reference characters not oriented in
Sheet(s) Drawings sheets not an acceptable size. Fig(s)	the same direction as the view. 37 CFR 1.84(p)
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:	Fig(s)
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm	English alphabet not used. 37 CFR 1.84(p)(2)
Margins not acceptable. Fig(s)	Fig(s)
Top (T) Left (L)	Numbers, letters and reference characters must b
Right (R) Bottom (B)	at least 32 cm (1/8 inch) in height. 37 CFR
6. VIEWS. 37 CFR 1.84(h)	1.84(p)(3). Fig(s)
REMINDER: Specification may require revision to	13. LEAD LINES. 37 CFR 1.84(q)
correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the	Lead lines missing. Fig(s) 14. NUMBERING OF SHEETS OF DRAWINGS.
specification, at the Brief Description of the Drawings,	37 CFR 1.84(t)
must likewise be changed.	Sheets not numbered consecutively, and in Arab
Views not labeled separately or properly.	numbers beginning with number 1. Sheet(s)
Fig(s)	15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)	Views not numbered consecutively, and in Arabi
Sectional designation should be noted with	numerals, beginning with number 1. Fig(s) 16. DESIGN DRAWINGS. 37 CFR 1.152
Arabic or Roman numbers. Fig(s)	Surface shading shown not appropriate.
	Fig(s)
	Solid black surface shading is not permitted exce
	when used to represent the color black as well as
	color contrast. Fig(s)
COMMENTS: Borderline dy	i, fig 56,50,66
viewer	Date 18 3/05
//	Attachment to Paper No.
you have questions, call (703)(305-8404.	Attachment to Paper No.